WHAT IS CLAIMED IS:

1  1.  A method for receiving input in a device having an

2  alphanumeric keypad, comprising:

3      receiving a first input corresponding to the press

4          of a first key, the first key having row value, a

5          primary input value, and a plurality of secondary

6          input values;

7      receiving a second input corresponding to the press

8          of a second key, the second key having a primary

9          input value and a plurality of secondary input

10         values;

11     if the press of the first key is released before the

12         press of the second key is received, then

13         generating a result value corresponding to the

14         primary input value of the first key; and

15     if the press of the first key is not released before

16         the press of the second key is received, then

17         generating a result value corresponding to the

18         secondary input value of the second key indicated

19         by the row value of the first key.

1   2.   The method of claim 1, further comprising, if the

2        press of the first key is released before the press of

3        the second key is received, then generating a

4        subsequent result value corresponding to the primary

5        input value of the second key.


1   3.   The method of claim 1, wherein the primary input value

2        of the first key is a numeric character.


1   4.   The method of claim 1, wherein the secondary input

2        values of the second key are alphabetic characters.


1   5.   The method of claim 1, wherein the device is a mobile

2        telecommunications device.


1   6.   The method of claim 1, wherein, if the row value of

2        the first key is equal to 1, then the first of the

3        secondary input values of the second key is selected

4        as the  result code.


1   7.   The method of claim 1, wherein the method is repeated

2        for subsequent key presses.


1   8.   The method of claim 1, wherein a character

2        corresponding to the result value is displayed.

1    9.    The method of claim 1, wherein the row value of the
2          first key corresponds to the physical row placement of
3          the key on the alphanumeric keypad of the device.

1    10.   The method of claim 1, wherein the alphanumeric keypad
2          is a standard telephone keypad.

1    11.  A device having an alphanumeric keypad, comprising:

2    means for receiving a first input corresponding to

3    the press of a first key, the first key having

4    row value, a primary input value, and a plurality

5    of secondary input values;

6    means for receiving a second input corresponding to

7    the press of a second key, the second key having

8    a primary input value and a plurality of

9    secondary input values;

10    means for generating a result value corresponding to

11    the primary input value of the first key if the

12    press of the first key is released before the

13    press of the second key is received; and

14    means for generating a result value corresponding to

15    the secondary input value of the second key

16    indicated by the row value of the first key if

17    the press of the first key is not released before

18    the press of the second key is received.

1    12.  The device of claim 11, further comprising means for

2    generating a subsequent result value corresponding to

3    the primary input value of the second key, if the

4    press of the first key is released before the press of

5    the second key is received.

1    13.   The device of claim 11, wherein the primary input

2           value of the first key is a numeric character.

1    14.   The device of claim 11, wherein the secondary input

2           values of the second key are alphabetic characters.

1    15.   The device of claim 11, wherein the device is a mobile

2           telecommunications device.

1    16.   The device of claim 11, wherein, if the row value of

2           the first key is equal to 1, then the first of the

3           secondary input values of the second key is selected

4           as the result code.

1    17.   The device of claim 11, wherein a message is formed

2           via subsequent key presses.

1    18.   The device of claim 11, wherein a character

2           corresponding to the result value is displayed.

1    19.   The device of claim 11, wherein the row value of the

2           first key corresponds to the physical row placement of

3           the key on the alphanumeric keypad of the device.

1    20.   The device of claim 11, wherein the alphanumeric

2           keypad is a standard telephone keypad.

1      21.        A method for receiving input in a device having

2           an alphanumeric keypad, comprising:

3                providing an alphanumeric keypad having keys

4                     arranged in a plurality of rows, each key having

5                     multiple input values;

6                receiving a keypress entry of one of the keys;

7                determining an input value for the key, of the

8                     multiple input values, according to whether a

9                     second key is concurrently pressed and, if a

10                    second key is concurrently pressed, the row

11                    number of the second key.

1    22.  A computer program product stored in a machine-

2         readable medium, comprising:

3              instructions for receiving a first input

4                   corresponding to the press of a first key, the

5                   first key having row value, a primary input

6                   value, and a plurality of secondary input values;

7              instructions for receiving a second input

8                   corresponding to the press of a second key, the

9                   second key having a primary input value and a

10                  plurality of secondary input values;

11             instructions for generating a result value

12                  corresponding to the primary input value of the

13                  first key, if the press of the first key is

14                  released before the press of the second key is

15                  received; and

16             instructions for generating a result value

17                  corresponding to the secondary input value of the

18                  second key indicated by the row value of the

19                  first key, if the press of the first key is not

20                  released before the press of the second key is

21                  received.

1 23. A mobile communication device, comprising:

2    a keypad having keys associated with a primary

3     alphanumeric character and secondary alphanumeric

4     characters; and

5    a processor coupled with the keypad, the processor

6     programmed to select from among the secondary

7     alphanumeric characters associated with a first

8     key based upon the keypad position of a second

9     key that is pressed concurrently with the first

10     key.


1 24. The mobile communication device of claim 23, wherein

2    the keypad position of the second key is the row in

3    which the second key is located in the keypad.


1 25. The mobile communication device of claim 23, wherein

2    the keypad position of the second key is the column in

3    which the second key is located in the keypad.


1 26. The mobile communication device of claim 23, wherein

2    the selection is according to the number of the row in

3    which the second key is located in the keypad.

1   27.  The mobile communication device of claim 23, wherein

2        the selection is according to the number of the column

3        in which the second key is located in the keypad.